

WOBBLING SPRINKLER HEAD

1 ABSTRACT OF THE DISCLOSURE

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3 A wobbling irrigation sprinkler head for
4 attachment to a water conduit has a wobbling sprinkler
5 head facing upward from the water supply conduit. The
6 sprinkler head has a base having an attachment portion
7 for attaching to a water source and a nozzle mounted
8 to the base for directing water therethrough. A
9 wobbling water deflector head is movably attached to
10 the base and has a water deflector pad thereon having
11 a deflector surface of predetermined shape to deflect
12 water being emitted from the nozzle to rotate the
13 wobbling water deflector head. A counterbalancing
14 skirt extends from the water deflecting head around a
15 portion of the base and spaced from the base for
16 rotation with a wobbling water deflector head so that
17 counterbalancing the skirt counterbalances the water
18 deflector head to dampen vibration forces in the
19 deflector head. The counterbalancing skirt flares
20 from the water deflecting head adjacent to and
21 surrounding the base and has a plurality of open areas
22 therein and is positioned for the balancing point of
23 the wobbling deflector head to be below the rotation
24 point of the wobbling deflector head.